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(54) Title: **TRANSGENIC NON-HUMAN MAMMAL COMPRISING A POLYNUCLEOTIDE ENCODING HUMAN OR HU-
MANIZED C5aR**

(57) Abstract: The present invention relates to transgenic non-human mammals comprising a polynucleotide encoding a human or humanized C5aR. The invention also relates to use of the transgenic non-human mammals in methods of screening for agonists, inverse agonists and antagonists of human C5aR and for testing efficacy of C5aR agonists, inverse agonists and antagonists in various animal models of disease.